

Title (en)
SCREEN CYLINDER WITH PERFORMANCE BOOSTING CONFIGURATION

Title (de)
SIEBZYLINDER MIT LEISTUNGSVERBESSERNDER KONFIGURATION

Title (fr)
CYLINDRE A TAMIS DONT LA CONFIGURATION AUGMENTE SON EFFICACITE

Publication
EP 1341592 A1 20030910 (EN)

Application
EP 01981800 A 20011024

Priority
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• US 24245600 P 20001024

Abstract (en)
[origin: WO0234356A1] A screen cylinder (125) used for screening cellulosic fibrous material pulp in the pulp and paper industry incorporates first (66) and second (67) downstream surfaces (16) having contoured slopes that form a funnel entrance of the grooves (13) at the screen cylinder slots (17). The contoured construction of the screen cylinder (125) effects greatly enhanced utility compared to conventional milled and discrete element screen cylinders, including substantially avoiding the <i>Coanda effect</i>.

IPC 1-7
B01D 29/35; **B01D 29/44**; **D21D 5/16**; **B07B 1/46**

IPC 8 full level
B01D 29/11 (2006.01)

CPC (source: EP)
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